

PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q80844

Shotaro YAMAGUCHI

Appln. No.: Unassigned,
Divisional of U.S. Appln. No.: 09/727,769

Group Art Unit: 1652 (Parent)

Confirmation No.: Not yet assigned

Examiner: Manjunath N. RAO (Parent)

Filed: April 2, 2004

For: NOVEL PROTEIN-DEAMIDATING ENZYME, MICROORGANISM
PRODUCING THE SAME, GENE ENCODING THE SAME, PRODUCTION
PROCESS THEREFOR, AND USE THEREOF

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 CFR §1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form which are all the references of record in parent application No. 09/727,769. Applicant is not submitting duplicate copies of these references but requests that they be listed on the face of any patent granted on the above application. (See 37 CFR §1.98(d)). Copies of any cited copending applications, if not previously submitted, are being submitted herewith.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise

Information Disclosure Statement
Divisional of U.S. Appln. No.: 09/727,769

Attorney Docket No.: Q80844

remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,



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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: April 2, 2004

Substitute for Form 1449 A & B/PTO <u>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</u> <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>		
				Application Number	Unassigned, Divisional of U.S. Appln. No. 09/727,769	
				Confirmation Number	Not yet assigned	
				Filing Date	April 2, 2004	
				First Named Inventor	Shotaro YAMAGUCHI	
				Art Unit	1652 (Parent)	
Examiner Name	Manjunath N. RAO (Parent)	Attorney Docket Number	Q80844			
Sheet	1	of	1			

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US 3,796,633		03-12-1974	Kikuhi, et al.
		US 5,082,672		01-21-1992	Hamada, et al.
		US			
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		WO	97 43910	A	11-27-1997	Novo Nordisk	N/A
		EP	0 976 829	A2	02-02-2000		N/A

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		J.S. HAMADA, et al., "Preparation and Functional Properties of Enzymatically Deamidated Soy Proteins", <i>Journal of Food Science</i> , vol. 54, no. 3, May 1989 (1989-05) - June 1989 (1989-06), pp. 598-601, 635.	
		I.A. VAINTRAUB, et al., "Protein Deamidase from Germinating Wheat Grains", <i>FEBS Letters</i> , vol. 302, no. 2, 11 May 1992 (1992-05-11), pp. 169-171.	
		YAMAGUCHI, et al., "A Novel Protein-Deamidating Enzyme from Chryseobacterium Proteolyticum SP. Nov., a Newly Isolated Bacterium from Soil", <i>Appl. Environ. Microbiol.</i> , vol. 66, no. 8, August 2000, pp. 3337-3343. (XP-002162600)	
		DATABASE WPI, Section Ch, Week 199922, Derwent Publications Ltd., London, GB; Class B04, AN 1999-257687, XP002162641 & JP 11 075835 (AMANO PHARM KK), 23 March 1999 (1999-03-23)	Abstract

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.